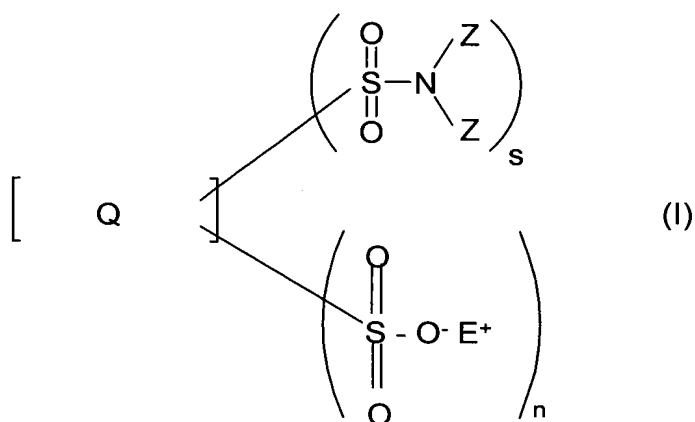
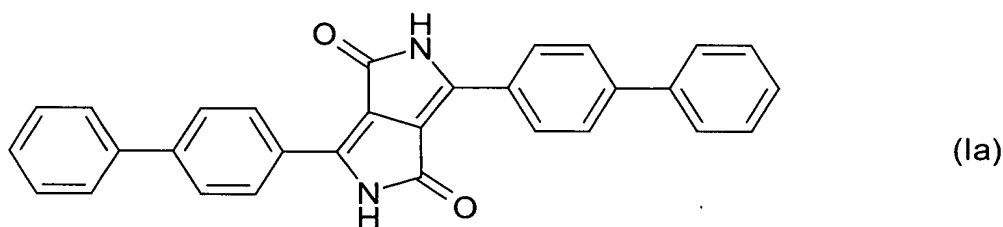


Amendments to the Claims

1) (Currently Amended) A pigment dispersant of the formula (I)



in which Q is a radical of the diketopyrrolopyrrole compound of the formula (Ia)

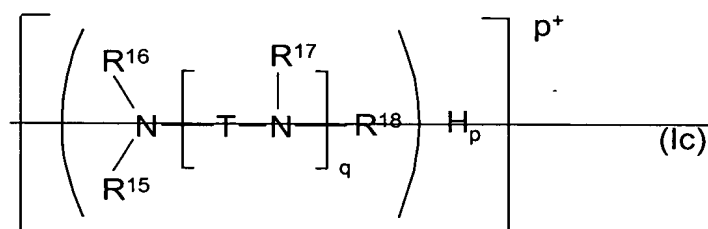


s is a number from 0.1 to 4.0,

n is a number from 0 to 2 - s,

E⁺ is H⁺ or the equivalent M^{m+}/m of a metal cation M^{m+} from main groups 1 to 5 or transition groups 1 or 2 or 4 to 8 of the periodic system of the chemical elements, m being 1, 2 or 3, an ammonium ion N⁺R⁹R¹⁰R¹¹R¹², where the substituents R⁹, R¹⁰, R¹¹ and R¹² independently of one another are each a hydrogen atom, C₁-C₃₀-alkyl, C₂-C₃₀-alkenyl, C₅-C₃₀-cycloalkyl, phenyl, (C₁-C₈)-alkyl-phenyl, (C₁-C₄)-alkylene-phenyl, or a (poly)alkyleneoxy group of the formula -[CH(R⁸⁰)-CH(R⁸⁰)-O]_k-H, in

which k is a number from 1 to 30 and the two radicals R^{80} independently of one another are hydrogen, C_1 - C_4 -alkyl or, if k is > 1 , a combination thereof;
 and in which alkyl, alkenyl, cycloalkyl, phenyl or alkylphenyl R^9 , R^{10} , R^{11} , and/or R^{12} may be substituted by amino, hydroxyl and/or carboxyl;
 or where the substituents R^9 and R^{10} , together with the quaternary nitrogen atom, are able to form a five- to seven-membered saturated ring system containing, if desired, further heteroatoms from the group consisting of O, S and N,
 or where the substituents R^9 , R^{10} and R^{11} , together with the quaternary nitrogen atom, are able to form a five- to seven-membered aromatic ring system, containing, if desired, further heteroatoms from the group consisting of O, S and N, and to which additional rings may be fused if desired,
~~or in which E^+ defines an ammonium ion of the formula (Ic)~~

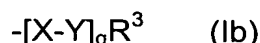


in which

R^{15} , R^{16} , R^{17} and R^{18} ¹independently of one another are hydrogen or a (poly)alkyleneoxy group of the formula $[CH(R^{80})-CH(R^{80})O]_kH$, in which k is a number from 1 to 30 and the two radicals R^{80} independently of one another are hydrogen, C_1 - C_4 -alkyl or, if k is > 1 , a combination thereof;
 q is a number from 1 to 10;
 p is a number from 1 to 5, where p is $\leq q+1$;
 T is a branched or unbranched C_2 - C_6 -alkylene radical; or in which T, if q is > 1 , may also be a combination of branched or unbranched C_2 - C_6 -alkylene radicals;

and in which the two radicals Z are identical or different and Z has the definition Z¹ or Z⁴, where

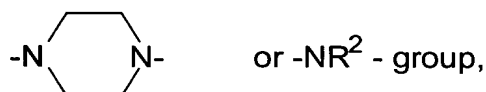
Z¹ is a radical of the formula (Ib)



in which

X is a C₂-C₆-alkylene radical, a C₅-C₇-cycloalkylene radical, or a combination of these radicals, it being possible for these radicals to be substituted by from 1 to 4 C₁-C₄-alkyl radicals, hydroxyl radicals, (C₁-C₄)-hydroxyalkyl radicals and/or by 1 or 2 further C₅-C₇-cycloalkyl radicals, or in which X, if q is > 1, may also be a combination of said definitions;

Y is a -O-,



or in which Y, if q is > 1, may also be a combination of said definitions;

q is a number from 1 to 10;

R² and R³ independently of one another are a hydrogen atom, a substituted or unsubstituted, or partly fluorinated or perfluorinated, branched or unbranched (C₁-C₂₀)-alkyl group, a substituted or unsubstituted C₅-C₇-cycloalkyl group or a substituted or unsubstituted, or partly fluorinated or perfluorinated (C₂-C₂₀)-alkenyl group, it being possible for the substituents to be hydroxyl, phenyl, cyano, chloro, bromo, amino, C₂-C₄-acyl or C₁-C₄-alkoxy, or

R² and R³, together with the nitrogen atom, form a saturated, unsaturated or aromatic heterocyclic 5- to 7-membered ring containing, if desired, 1 or 2 further nitrogen, oxygen or sulfur atoms or carbonyl groups in the ring, being substituted if desired by 1, 2 or 3 of the radicals OH, phenyl, CN, Cl, Br, C₁-C₄-alkyl, C₁-C₄-alkoxy, C₂-C₄-acyl and carbamoyl, and carrying, if desired, 1 or 2 benzo-fused saturated, unsaturated or aromatic, carbocyclic or heterocyclic rings;

and where

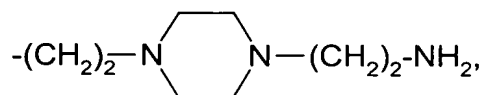
Z^4 is hydrogen, hydroxyl, amino, phenyl, (C₁-C₄)-alkylene-phenyl, C₅-C₇-cycloalkyl or C₁-C₂₀-alkyl, it being possible for the phenyl ring, the (C₁-C₄)-alkylene-phenyl group and the alkyl group to be substituted by one or more substituents from the group consisting of Cl, Br, CN, NH₂, OH, C₆H₅, mono-, di- or tri-C₁-C₄-alkoxy-substituted C₆H₅, carbamoyl, C₂-C₄-acyl and C₁-C₄-alkoxy, and it being possible for the phenyl ring and the (C₁-C₄)-alkylene-phenyl group to be substituted by NR²R³, or the alkyl group is perfluorinated or partly fluorinated.

2) (Currently Amended) The pigment dispersant as claimed in claim 1, wherein s is a number from 0.2 to 3.0, ~~preferably from 0.5 to 2.5;~~ and n is a number from 0 to 0.5, ~~preferably from 0 to 0.2.~~

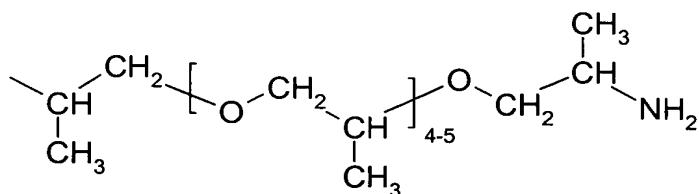
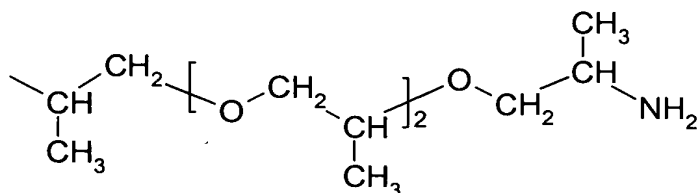
3) (Currently Amended) The pigment dispersant as claimed in claim 1 ~~or 2,~~ wherein R² and R³ ~~independently of one another are a hydrogen atom, a C₁-C₆-alkyl group or a C₁-C₆-alkyl group substituted by 1 or 2 substituents from the group consisting of hydroxyl, acetyl, methoxy, ethoxy, chloro and bromo, or~~ R² and R³, together with the adjacent nitrogen atom, form an imidazolyl, piperidinyl, morpholinyl, pipercolinyl, pyrrollyl, pyrrolidinyl, pyrazolyl, pyrrolidinonyl, indolyl or piperazinyl ring.

4) (Currently Amended) The pigment dispersant as claimed in ~~one or more of~~ claims 1 to 3 claim 1, wherein Z¹ has the definition

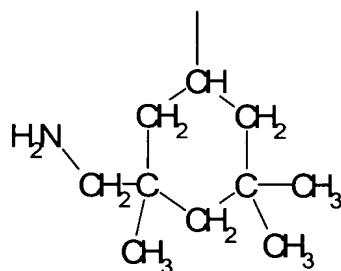
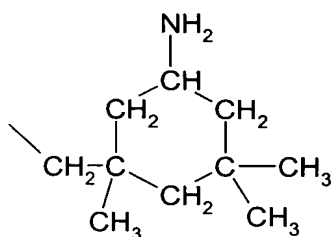
-[(CH₂)₃-NH]₂-H, -(CH₂-CH₂-NH)₂H,
-(CH₂)₃-NH-(CH₂)₂-NH-(CH₂)₃-NH₂,



-(CH₂)₃-N(CH₃)-(CH₂)₃-NH₂, -(CH₂)₃-O-(CH₂)₂-O-(CH₂)₃-NH₂,
-(CH₂)₃-O-(CH₂)₃-O-(CH₂)₃-NH₂, -(CH₂)₂-NH-(CH₂)₃-NH₂, -(CH₂)₃-NH-(CH₂)₂-NH₂,
-(CH₂-CH₂-NH)₃-H, -(CH₂-CH₂-NH)₄-H, -(CH₂-CH₂-NH)₅-H,
-(CH₂)₃-O-(CH₂)₂-O-(CH₂)₂-O-(CH₂)₃-NH₂, -(CH₂)₃-O-(CH₂)₄-O-(CH₂)₃-NH₂,



-(CH₂)₂-OH, -(CH₂)₃-OH, -CH₂-CH(CH₃)-OH, -CH(CH₂-CH₃)CH₂-OH, -CH(CH₂OH)₂,
-(CH₂)₂-O-(CH₂)₂-OH or -(CH₂)₃-O-(CH₂)₂-O-(CH₂)₂-OH; -(CH₂)₂-NH₂, -(CH₂)₃-NH₂,
-CH₂-CH(CH₃)-NH₂, -CH₂-C(CH₃)₂-CH₂-NH₂,



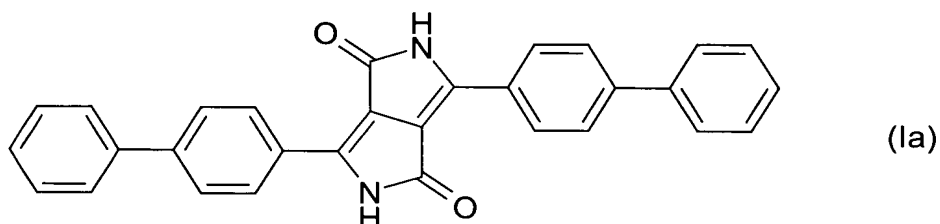
-(CH₂)₂-NH-CH₃,

-(CH₂)₂-N(CH₃)₂, -(CH₂)₂-NH-CH₂-CH₃, -(CH₂)₂-N(CH₂-CH₃)₂, -(CH₂)₃-NH-CH₃,
-(CH₂)₃-N(CH₃)₂, -(CH₂)₃-NH-CH₂-CH₃ or -(CH₂)₃-N(CH₂-CH₃)₂.

5) (Currently Amended) The pigment dispersant as claimed in ~~one or more of~~ claims 1 to 4 claim 1, wherein Z⁴ has the definition hydrogen, amino, phenyl, benzyl, NR²R³-substituted phenyl or benzyl, C₁-C₆-alkyl, or a C₂-C₆-alkyl, phenyl or benzyl substituted by 1 or 2 substituents from the group consisting of hydroxyl, acetyl, methoxy and ethoxy.

6) (Currently Amended) The pigment dispersant as claimed in ~~one or more of~~ claims 1 to 5 claim 1, wherein X is a C₂-C₄-alkylene radical or cyclohexylene.

7) (Currently Amended) A process for preparing a pigment dispersant as claimed in ~~one or more of claims 1 to 6, which comprises claim 1 comprising the steps of~~ chlorosulfonating a diketopyrrolopyrrole compound of the formula (Ia)



and reacting the resultant sulfochloride with an amine of the formula (V)



8) (Currently Amended) A pigment preparation comprising

- a) at least one organic base pigment, and
- b) at least one pigment dispersant of the formula (I) as claimed in ~~one or more of~~ claims 1 to 6 claim 1.

9 - 16 (Cancelled)